

AMENDMENTS TO THE SPECIFICATION:

In compliance with 37 C.F.R. § 1.823(a), please insert the attached paper copy of the "Sequence Listing" after the last page of the above-identified application to replace the Sequence Listing previously filed on May 28, 2003.

Please replace page 25, with the following amended page 25:

Example 1

Materials and Methods:

The cDNA keratinocyte library cloned in λ gt11 (origin of mRNA = keratinocytes of adult human foreskins) is obtained from Clontech (Palo Alto, CA, USA).

The oligomers that are used in the different experiments are presented below:

Name of the oligomer	Derived from	Position	Sequence 5' to 3'
sc5 (sense)	CLSP	168/191	GC (N) GT (N) GA (Y) AC (N) GA (Y) GG (N) AA (Y) GG (N) (<u>SEQ ID NO. 3</u>)
sc10 (antisense)	CLSP	535/554	TCACTCCTGGGCGACGATC (<u>SEQ ID NO. 4</u>)
sc16 (antisense)	CLSP (+ RS)	533/555	TTGAATTCTCACTCCTGGGCGAGC ATCCTC (<u>SEQ ID NO. 5</u>)
sc21	CLSP	240/257	CTGGGCCTCCAGAGGTT (<u>SEQ ID NO. 6</u>)
sc29	CLSP (+ RS)	113/140	GATAGGATCCATGGCCGGTGAGCT GACTCCTGAGGAG (<u>SEQ ID NO. 7</u>)
sc7 is the SK-primer oligomer sold by the Stratagene Company,			
Not I- (dT) ₁₈ is a primer sold by the Amersham Pharmacia Biotech Company			

N = A, C, G or T

Y = C or T

(+RS): Restriction site(s) added to the sequence in the oligomer

Kindly replace the paragraph beginning on page 27, line 5, and ending on page 27, line 8, with the following amended paragraph:

The separation into two dimensions of the proteins that are contained in extract E1 is carried out in a Pharmacia-brand device (~~multiphor~~ MULTIPHOR™ model) according to the recommendations of the supplier.

Kindly replace the paragraph beginning on page 29, line 15, and ending on page 29, line 22, with the following amended paragraph:

The coupling efficiency was 0.95 mg of polypeptide per milliliter of balls. Human epidermis (0.83 g of abdominal skin obtained from plastic surgery and 100 g of plantar stratum corneum) was homogenized with polytron in 10 ml and 120 ml respectively of 10 mmol of Herpes buffer, pH 7.4, containing 150 mmol of sodium chloride, 0.1% (weight/volume) of triton X100 and a mixture of protease inhibitors (~~Complete™~~ COMPLETE™ EDTA-free of Roche Molecular diluted with 1 M of depepstatin).